

Material Safety Data Sheet

Premium Ice Melt

A. GENERAL INFORMATION

TRADE NAME (COMMON NAME): Vaporizer Premium Ice Melt		CAS NUMBER: Mixture	
CHEMICAL NAME AND/OR SYNONYM: Calcium Chloride and Salt			
FORMULA: CaCl ₂ + NaCl		MOLECULAR WEIGHT: NA	
MANUFACTURER/ADDRESS: Benick Brands 2377 Main Street Glastonbury, CT 06033			
CONTACT: Manager, Product Safety	PHONE NUMBER:	LAST ISSUE DATE: Not applicable	CURRENT ISSUE DATE: September, 2001

B. FIRST AID MEASURES

		EMERGENCY PHONE NUMBER:
EYES:	Flush promptly with plenty of water, continuing for at least 15 minutes. Get medical attention.	
SKIN:	Wash with plenty of water.	
INHALATION:	Remove to fresh air.	
INGESTION:	If conscious, immediately give 2 to 4 glasses of water, and induce vomiting by touching finger to back of throat. Get medical attention for irritation, ingestion, or discomfort from inhalation.	

C. HAZARDS INFORMATION

INHALATION: Dust or mist inhalation may irritate nose, throat, and lungs.	
INGESTION: Low in toxicity. May irritate gastrointestinal tract.	
SKIN: May cause skin irritation. Under conditions of prolonged contact or when moisture is present, superficial burns may result. Contact with abraded skin or cuts can cause severe skin damage.	
EYES: May irritate or burn eyes.	
PERMISSIBLE CONCENTRATION: AIR (SEE SECTION J) No exposure values (TLV) established by ACGIH.	BIOLOGICAL None
UNUSUAL CHRONIC TOXICITY: None.	

C. HAZARDS (Cont.)

FLASH POINT: Not flammable	AUTO IGNITION TEMPERATURE NA	FLAMMABLE LIMITS IN AIR (% BY VOL.) LOWER - NA UPPER - NA
OPEN CUP <input type="checkbox"/> CLOSED CUP <input type="checkbox"/>		
UNUSUAL FIRE AND EXPLOSION HAZARDS None.		

D. PRECAUTIONS/PROCEDURES

FIRE EXTINGUISHING AGENTS RECOMMENDED: Use any standard agent suitable for surrounding fire.	
FIRE EXTINGUISHING AGENTS TO AVOID: NA	
SPECIAL FIREFIGHTING PRECAUTIONS: None.	
VENTILATION: Local exhaust: In packaging and unloading areas, over open processing equipment, and any other places where dusty or misty condition prevails. Natural ventilation: Adequate for other areas.	
NORMAL HANDLING: Avoid contact with eyes, skin or clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.	
STORAGE: Store in a cool, dry area. Prolonged storage may cause product to cake and become wet from atmospheric moisture.	
SPILL OR LEAK (ALWAYS WEAR PERSONAL PROTECTIVE EQUIPMENT – SECTION E) Shovel up dry chemical and place in metal drum with a cover. Cautiously spray residue with plenty of water.	
SPECIAL: PRECAUTIONS/PROCEDURES/LABEL INSTRUCTIONS:	SIGNAL WORD CAUTION!

E. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: For dusty conditions, wear NIOSH-approved dust respirator.
EYES AND FACE: For dusty conditions, or when handling solution where there is reasonable probability of eye contact, wear chemical safety goggles. Under these conditions, do not wear contact lenses.
HANDS, ARMS, AND BODY: As a minimum, wear long-sleeve shirt and trousers, boots, and gloves for routine product use. Cotton gloves permitted for dry product, impervious gloves when using solutions.
OTHER CLOTHING AND EQUIPMENT: Eye-wash facility.

F. PHYSICAL DATA

MATERIAL IS AT NORMAL CONDITIONS: LIQUID <input type="checkbox"/> SOLID <input checked="" type="checkbox"/> GAS <input type="checkbox"/> <input type="checkbox"/> _____		APPEARANCE AND COLOR: Small white flakes; odorless.	
BOILING POINT: Unknown °C	SPECIFIC GRAVITY: (H ₂ O = 1) 0.8 (Approximate)	VAPOR DENSITY: (AIR = 1) NA	
MELTING POINT: 176 °C			
SOLUBILITY IN WATER: (% BY WEIGHT) 42 @ 20°C (Approximate)	pH: Neutral or slightly alkaline	VAPOR PRESSURE: (mm Hg @ 20°C) <input type="checkbox"/> (PSIG) <input type="checkbox"/> NA	
EVAPORATION RATE: (Butyl acetate=1) <input type="checkbox"/> (Ether = 1.0) <input type="checkbox"/> NA	% VOLATILES BY VOLUME: (AT 20°C) NA		

G. REACTIVITY DATA

STABILITY: UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	CONDITIONS TO AVOID: NA
INCOMPATIBILITY (MATERIALS TO AVOID): Sulfuric acid: yields hydrogen chloride gas, which is corrosive, irritating, and reactive. Water-reactive materials, such as sodium: cause an exothermic reaction. Methyl vinyl ether: starts runaway polymerization reaction. Zinc as in galvanized iron: yields hydrogen gas with solutions, which may explode under these conditions.	
HAZARDOUS DECOMPOSITION PRODUCTS: None.	
HAZARDOUS POLYMERIZATION: MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/>	CONDITIONS TO AVOID: NA

H. HAZARDOUS INGREDIENTS (MIXTURES ONLY)

MATERIAL OR COMPONENT/C.A.S. #	WT. %	HAZARD DATA (See Sect. J)
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Calcium chloride / 10043-52-4	Proprietary	LD50 (oral-rat): 1 g/kg
Sodium chloride / 7647-14-5	Proprietary	LD50 (oral-rat): 3 g/kg

I. ENVIRONMENTAL

DEGRADABILITY/AQUATIC TOXICITY:		OCTANOL/WATER PARTITION COEFFICIENT NA
Aquatic Toxicity: TLM96: over 1000 ppm (anhydrous) for Calcium chloride.		
EPA HAZARDOUS SUBSTANCE? (CLEAN WATER ACT SECT. 311) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF SO, REPORTABLE QUANTITY:		40 CFR 116-117
WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS): Treatment or disposal of waste generated by use of this product should be reviewed in terms of applicable federal, state and local laws and regulations. Users are advised to consult with appropriate regulatory agencies before discharge, treatment or disposal.		
RCRA STATUS OF UNUSED MATERIAL IF DISCARDED: Not a "hazardous waste".	HAZARDOUS WASTE NUMBER: (IF APPLICABLE)	40 CFR 281

J. REFERENCES

PERMISSIBLE CONCENTRATIONS REFERENCES:		
None.		
REGULATORY STANDARDS	DOT CLASSIFICATION: Not regulated	49 CFR
None.		
GENERAL:		

K. ADDITIONAL INFORMATION

None.

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